

S1 BLOCK 1/2 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
NUMBER	7.2.1 Place Value & Rounding	7.2 Arithmetic: Place Value
	7.2.2 Decimals and Place Value	
	7.4.1 Addition and Subtraction	7.4. Arithmetic: Decimals (+/-)
	7.4.2 Dealing with Money	
	7.6.1 Whole Numbers 7.6.2 Long Multiplication 7.6.3 Decimals 7.6.4 Problems	7.6 Arithmetic: Decimals (Mult.)
ANGLE	7.8.1 Mental Division (and BODMAS) 7.8.2 Division Methods 7.8.3 Division Problems	7.8 Arithmetic: Decimals (Div.)
	7.5.1 Angles and Turns 7.5.2 Measuring Angles 7.5.3 Classifying Angles 7.5.4 Angles on a Line 7.5.6 Finding Angles in Triangles	7.5 Angles
SYMMETRY	8.15.3 Symmetry	8.15 Polygons (15.3 ONLY)
INTEGERS	7.3.3 Negative Numbers	7.3 Graphs (3.3 ONLY)
	7.15.1 Negative Numbers (+/-)	7.15 Arithmetic: Negative Numbers (15.1 ONLY)
LENGTH & PERIMETER	7.9.2 Square~Area & Perim. (do Perimeter only) 7.9.3 Rectangle~Area & Perim. (do Perimeter only) 7.9.4 Compound Shapes (do Perimeter only)	7.9 Areas and Perimeters
ALGEBRA	7.16.1 Basic Algebra	7.16 Algebra: Linear Equations (16.1 ONLY)
INFORMATION HANDLING	7.11.1 Types of Data 7.11.2 Collecting Data	7.11 Data Collection and Presentation
	7.3.1 Scatter graphs	7.3 Graphs (3.1 ONLY)
	7.18.1 Presentation	7.18 Quantitative Data (18.1 ONLY)
LOGIC (EXTRA)	7.1.1 Logic Puzzles 7.1.2 Two Way Tables 7.1.3 Sets & Venn diagrams 7.1.4 Set Notation 7.1.5 Logic & Venn diagrams	7.1 Logic
	8.1.2 Flow Charts for Practical Tasks 8.1.4 Networks	8.1 Mathematical Diagrams (1.2 & 1.4)

S1 BLOCK 3 – REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
FRACTIONS, PERCENTAGES AND DECIMALS	7.10.1 Basic Fractions 7.10.2 Equivalent Fractions 7.10.3 Fractions of Quantities 7.10.4 Mixed Numbers & Vulgar Fractions	7.10 Arithmetic: Fractions
	7.17.1 Decimals into Fractions 7.17.2 Fractions into Decimals 7.17.3 Percentage of Quantities 7.17.4 Decimals, Fractions & Percentages	7.17 Decimals, Fractions, Percentages
	7.20.1 Revision (<i>Arithmetic</i>) 7.20.2 Addition & Subtraction of Fractions 7.20.3 Multiplication of Fractions 7.20.4 Division of Fractions	7.20 Arithmetic: Fractions
COORDS	7.3.2 Plotting Points (<i>1st Quadrant</i>) 7.3.4 Coordinates (<i>All Quadrants</i>) 7.3.5 Plotting Polygons	7.3 Graphs
ALGEBRA	7.16.2 Function Machines	7.16 Algebra: Linear Equations (16.2 ONLY)
	8.12.1 Substitution into Formulae 1	8.12 Formulae (12.1 ONLY)
AREA	7.9.1 Area 7.9.2 Square~Area & Perim. 7.9.3 Rectangle~Area & Perim. 7.9.4 Compound Shapes 7.9.5 Area of Triangle	7.9 Areas and Perimeters
TIME, DISTANCE AND SPEED	7.14.1 Telling the Time 7.14.2 12 & 24 hour Clocks 7.14.3 Units of Time 7.14.4 Timetables 7.14.5 Time Problems	7.14 Time and Timetables
	8.1.1 Distance Charts	8.1 Mathematical Diagrams (1.1 ONLY)
	8.18.1 Speed 8.18.2 Calculating Speed, Distance and Time 8.18.3 Problems with Mixed Units	18. Speed, Distance & Time

S1 BLOCK 4 – REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
NUMBER REV.	7.12.1 Whole Numbers & Decimals 7.12.2 Problems	7.12 Arithmetic: Revision
2-D SHAPES	8.15.4 Quadrilaterals	8.15 Polygons (15.4 ONLY)
	8.1.3 Using a Flow Chart for Classification	8.1 Mathematical Diagrams (1.3 ONLY)
	7.5.5 Constructing Triangles	7.5 Angles (5.5 ONLY)
	8.6.1 Common 2-D and 3-D shapes	8.6 Nets & Surface Area (6.1 ONLY)
INTEGERS	7.15.2 Multiplication & Division	7.15 Arithmetic: Negative Numbers
	8.12.2 Substitution into Formulae 2	8.12 Formulae (12.2 ONLY)
MULTIPLES, FACTORS AND PRIMES	8.2.1 Factors and Prime Numbers 8.2.2 Prime Factors 8.2.3 Index Notation 8.2.4 HCF and LCM	8.2 Factors
EQUATIONS	7.16.3 Linear Equations	7.16 Algebra: Linear Equations (16.3 ONLY)
VOLUME AND WEIGHT	7.22.1 Concept: the Unit Cube 7.22.2 Volume of Cube 7.22.3 Volume of Cuboid 7.22.4 Capacity 7.22.6 Triangular Prism 7.22.5 Density (Extra)	7.22 Volume
ANGLES AND BEARINGS	8.11.1 Angle Measures 8.11.2 Parallel And Intersecting Lines 8.11.3 Bearings	8.11 Angles, Bearings, Maps
SEQUENCES	7.7.1 Multiples 7.7.2 Finding the Next Term 7.7.3 Generating Sequences 7.7.4 Formulas for General Terms (n^{th} term formula)	7.7 Number Patterns and Sequences
	7.13.1 Pictorial Patterns 7.13.2 Extending Sequences 7.13.3 Patterns & Matchsticks 7.13.4 2-D Number Patterns	7.13 Searching for Pattern

The preceding pages contain links to pages from the excellent 'Centre for Innovation in Mathematics Teaching' website.

<http://www.cimt.org.uk/>

These links can be used to supplement and extend the work done in class. They are not a substitute for hard graft in the classroom.

The Centre for Innovation in Mathematics Teaching (CIMT) was established in 1986. The centre is a focus for research and curriculum development in Mathematics teaching and learning, with the aim of unifying and enhancing mathematical progress in schools and colleges. This CIMT Web-site was started in May 1995, and moved to University of Plymouth servers at the end of July 2005.

Mathematics Enhancement Programme (MEP)

This has been the Centre's main focus over the past few years. The Mathematics Enhancement Programme set out to implement in UK schools the findings of international research. As well as detail of the philosophy and style of teaching advocated, there is also a full set of curriculum resources for Primary and Secondary schools, including pupil texts, lesson plans, classroom resources, assessment materials and on-line interactive resources.

Copyright

The copyright in all of this material belongs to the originators who created it.

The material is made available through the CIMT for downloading and dissemination for **NON-PROFIT MAKING PURPOSES ONLY.**

Disclaimer

Perth & Kinross Council is not responsible for the content or reliability of the linked websites and the inclusion of a link do not necessarily endorse the views expressed within them and listing the link should not be taken as an endorsement of any kind.